

Registration fees

Students: 500/- per person
Others: 2000/- per person. (Inclusive of coffee & lunch served at the venue)

Last date for registration:

21st May 2018

Email registration permitted.

Contact persons

Dr. Rajani Jayaram
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HS Sudarshan
Secretary, Center for History of
Science, Vistara Foundation,
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Venue

Jain University Campus
I Cross J.C.Road
Near Ravindra Kalakshetra
Bengaluru 560001

Timings: 10 AM- 5 PM.

Patrons

Dr. Chenraj Roychand
President, JU Trust
Dr.N. Sundararajan
Vice Chancellor, JU

Coordinator

Prof. RN Iyengar
Director, CAHC, Jain University
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Resource persons

Prof. RN Iyengar, Jain University
Prof. K Ramasubramanian, IIT
Bombay Prof. MD Srinivas, Chennai

Note: Number of seats is limited to thirty,
Registration on first-come-first-served basis.

Prof. Ramasubramanian would also be
available with prior appointment for
discussions on 28, 29, 30 May at the
CAHC, Jain University.



Weekend Course
on
Introduction to Indian
Astronomy
26,27 May & 2,3 June 2018
(20 contact hours)

Organized by
**Centre for Ancient History & Culture
(CAHC)**
Jain University
Bengaluru

Jain University is ranked consistently among the top universities of India by the India Today-Nielson Best University Survey. The University is accredited by NAAC with A-Grade & CGPA of 3.31. The university offers innovative programmes at UG, PG and research levels.

Centre for Ancient History and Culture (CAHC)

CAHC was started in 2011 as the result of a brainstorming session involving reputed Sanskrit scholars, historians, artists, scientists, educationists & others. Generally, Indian history is treated as a chronicle of political history, without insights into cultural and social issues. Ancient Indian history is still depicted from a Eurocentric viewpoint. There is a need to present ancient history to younger generations in a dispassionate and objective fashion avoiding extremities of ideologies. Modern education system should be able to connect with intellectual traditions deep rooted in ancient India. In tune with the above views, CAHC has organized several outreach activities in the last six years. Notable among these are: "National Level Workshop on Manuscriptology & Paleography" (November 2012); "International Seminar On The Future Of Civilisation" (December 2012), National Conference on "Intellectual Traditions of Ancient India" (August 2015), supported by ICHR. CAHC has a strong program of publications. "Parāśaratantra", an ancient Sanskrit text on astronomy & natural sciences was brought out in 2013 with text, translation, and notes. "Naradashilpa" a little known Sanskrit work on Architectural Engineering will be released very soon. Study of Vrddha-Gargiya-Jyotisha an ancient text on observational astronomy is currently under progress supported by ICHR.

Short term courses

CAHC conducts short term courses to provide a platform for imparting & exchanging of ideas on how to understand, study & propagate Indian knowledge traditions. It is expected that such efforts would pave the way for greater appreciation of ancient culture by present day students & teachers. The courses will be classroom based & interactive, concluding with a test and certification.

Topics to be covered (Tentative)

Astronomical concepts in the Vedas
Dhruva the Pole Star
Sun, moon & planet positions
Shulba sutras
Vedāṅga Jyotiṣa of Lagadha
Parāśaratantra, Vrddhagārgīya Jyotiṣa
Transition to Mathematical Astronomy
Sine Table and Trigonometry
Computation of the elements of Pancanga
Finding the direction, place and time
Selected topics from the texts:
1. Pañcasiddhāntikā
2. Sūrya Siddhānta
3. Āryabhaṭīya
4. Tantrasangraha
Brahmagupta, Bhāskar āchārya: Some highlights
Important discoveries by astronomers of Kerala
Origin of calculus in Kerala
Eclipse prediction

Course objective

This course aims to equip the participants with introductory knowledge of Indian astronomy from the time of the Rigveda all the way till the pre-modern period. Participants will also be able to understand how our ancient scientists forecast eclipses & position of planets.

The course will be in English interspersed with relevant Sanskrit texts.

Who should attend

- UG & PG students
- M. Phil. & Ph.D. students of Science, Mathematics, History, Sanskrit, Humanities
- Teachers
- Anyone interested in Indian Culture & Heritage

Short Term Course Introduction to Indian Astronomy

Name:

Designation:

Organisation:

Address:.....

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Phone/mobile:

E-mail:

Details of Cheque:/Cash.....

Signature of the Applicant

Sponsorship (optional)

Sri/Smt is
Sponsored to participate in the short term course on
" Introduction to Indian Astronomy"

Date:

Signature

Place:

Sponsoring Institute with seal

Note: Photocopies of this form can be used.
Registration by e-mail is welcome.